

Pump Technician

JD - A Pump Technician is responsible for installing, maintaining, and repairing pumps and associated equipment across various industries, such as water treatment, oil and gas, agriculture, and manufacturing

Installation and Setup:

Install pumps, motors, and related equipment according to manufacturer specifications.

Configure and test systems to ensure proper operation.

Install various types of pumps, including centrifugal, reciprocating, submersible, positive displacement, and rotary pumps.

Conduct piping connections and align pump systems with associated infrastructure.

Ensure proper anchoring and levelling of equipment during installation.

Maintenance:

Perform preventive maintenance, such as oil changes, lubrication, and gasket replacements.

Schedule and conduct routine inspections to ensure the longevity of pumps and associated systems.

Monitor pump performance parameters, such as flow rate, pressure, and temperature, to identify anomalies.

Repairs:

Diagnose mechanical or electrical issues in pumps and motors.

Repair or replace damaged components, such as seals, bearings, and impellers.

Calibrate and align pumps and motors to ensure efficient operation.

Perform vibration analysis, thermal imaging, or laser alignment to optimize pump performance.

Calibrate control systems and integrate pumps with SCADA (Supervisory Control and Data Acquisition) systems where applicable.

Work with Variable Frequency Drives (VFDs) and soft starters for motor-driven pumps.

Technical Expertise:

Read and interpret technical manuals, schematics, and blueprints.

Use diagnostic tools and equipment to troubleshoot system issues.

Conduct performance tests to verify repairs and installations.

**Required Experience - 3 years in operation and maintenance
For technical facilities by specialization**

**Required Qualification - Technical diploma according to
specialization**